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**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, DC 20231**

New U.S. Patent Application

Title: METHODS AND SYSTEMS FOR PROVIDING NETWORK  
SERVICES USING AT LEAST ONE PROCESSOR  
INTERFACING A BASE NETWORK

Inventors: Mark TUOMENOKSA, Samuel BENDINELLI, Jerold FRANCUS,  
Jonathan HARWOOD, Michael HERRICK, John KEANE,  
Christopher MACEY, Joseph FERRARO and Brion SHIMAMOTO

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - cover page and 164 pages, including 2 independent claims and 52 claims total.
2. Drawings - 61 sheets of formal drawings (Figures 1-48).
3. Applicant claims the right to priority based on Provisional Patent Application No. 60/196,297 filed April 12, 2000.

This application is also a continuation-in-part of prior Application No. 09/814,178, filed March 22, 2001. This application is being filed under the provisions of 37 C.F.R. § 1.53(b).

4. The filing fee is calculated as follows:

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Basic Application Filing Fee				\$710	\$ 710.00
	Number of Claims	Basic	Extra Claims		
Total Claims	52	-	20	32	x \$18 576.00
Independent Claims	2	-	3	0	x \$80 0.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$270	0.00
Subtotal					\$ 1286.00
Reduction by 1/2 if small entity					- 0.00
TOTAL APPLICATION FILING FEE					\$ 1286.00

5. Please address all correspondence with respect to this application to:

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This application is being filed under the provisions of 37 C.F.R. § 1.53(f).  
Applicants await notification from the Patent and Trademark Office of the time set for  
filing the Declaration and paying the filing fee of \$1286.00.

Please accord this application an application number and filing date.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
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By: 

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Reg. No. 45,895

PFS/MJP/bad  
Enclosures